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WHAT'S NEW IN THE ATARI FORUMS (August 27)

The history of Atari is posted as file ATARI.TXT in LIBRARY 17 of the Atari Productivity Forum (GO ATARIPRO) (from the Internet system).

The second set of "20 QUESTIONS" submitted by Atari Forum members and answered by Atari Corp (specifically Bob Brodie, Bill Rehbock and James Grunke) is available for download as file 20Q_02.TXT in LIBRARY 15 of the Atari Arts Forum (GO ATARIARTS).

See files OMEGA_.ZIP and OMEGAF.ZIP in LIBRARY 12 of the Atari Arts Forum (GO ATARIARTS) for a very well done European demo for the STE and TT. Well worth the download time.

Download file JAPANE.ZIP from LIBRARY 4 of the Atari Productivity Forum (GO ATARIPRO) for a program which makes it possible to display the Japanese and input single-byte katakana, double-byte katakana, hiragana and more than ten different series of special symbols which are assigned to symbol keys.

Download file DRIVRS.LZH from LIBRARY 11 of the Atari Vendors Forum (GO ATARIVEN) for the latest PageStream import modules. Updated 10-AUG-93. This archive contains ALL of the import modules currently shipping with PageStream 2.2b. Included are new Illustrator, EPS, and TIFF import modules.

THE PORTFOLIO FORUM ON COMPUSERVE
HAS BEEN DESIGNATED AN
OFFICIAL SUPPORT SITE BY ATARI CORPORATION

"GO APORTFOLIO TO ACCESS THE ATARI PORTFOLIO FORUM"

"ENJOY CIS' ATARI FORUMS WHERE CENSORSHIP IS A DIRTY WORD!

> From the Editor's Desk "Saying it like it is!"

STReport has been around for quite some time and we've seen many interesting things happen. But in all the years, we've never been witness to such activities as those occurring in the last six months. What is happening is amazing. This spot is usually my area for "having my say". This week, I must defer to Lee Seiler of Lexicor Software. Elsewhere in this issue is his latest interview and Press Release. Please, take a moment to read what he has to say ...carefully. It has a great deal to say.

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> ONLINE WEEKLY STReport OnLine

The wires are a hummin'!

PEOPLE... ARE TALKING

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On CompuServe

compiled by Joe Mirando

Well folks, its that time again... the almighty schedule calls and I answer. Gee, wouldn't it be nice if the Mars Observer answered when NASA called it? This has been a big disappointment for me. I had hoped that the space craft would begin us on an important, and if I may say so, a long overdue, return to space... the spirit of discovery, the nation all

pulling as one, everyone sitting there in front of the television in mute amazement at the view of open space or of a planet or moon that had never seen up close before. These are the kinds of things that made us leaders. Leaders in exploration and leaders in technology. I just hope that this one mishap, the first loss of a planetary probe in 27 years, doesn't put even more constraints on our space program (and other science programs like the Superconducting Super Collider).

Well, at any rate, its time for us to tune in to the hints and tips available to us in the Atari Forums on CompuServe. Let's get busy...

From the Atari Productivity Forum
=====

Rob Rasmussen talks a bit about monitors:

"I'm not familiar with the difference between the various Atari SM mono monitors. You say you can get yours to display 1024 x 496 with your graphics card. From what I've learned so far, since ST mono mode uses more pixels than medium or low, the faster monitor is used to redraw the screen more frequently (70 Hz instead of 60) and with a faster horizontal scan rate (36.75 KHz instead of 15.75). For color mode, I liked Dave Troy's description of a guy with a garden hose that squirts paint, running along a row of 640 buckets and filling each one with paint, and repeating this for all 00 rows. He can only run at a fixed speed, and he has to do the whole thing 60 times per second. Wow. Anyway, a mono monitor is faster but I didn't think it could go any faster than 70 Hz - 36.75 KHz. Seems like there would be a lot of flicker on the display you're talking about, but I guess I'm not really up on these different monitors. Apparently hardly anything other than the older Atari monitors uses the lower scanning rate and redraw speed. Since higher rez is more common, I thought a multiscan monitor would be needed. At least for color."

Chris Gray tells Rob:

"I am in danger of getting out of my depth here but...

The graphics card has its own video RAM (1M pixels = 128 KB), and it has a ''dot clock'' crystal which I believe to be 50 MHz. This difference in frequency seems to match up quite nicely with the increase in pixels, if my mental arithmetic is still functioning (50:35.75 640). It seems there is enough headroom in the SM 124/144 bandwidth to handle this. (I have an SM144, the manual always refers to the 124).

So far as I know the screen refresh rate is still 70 KHz --- it certainly looks that way. For any resolution above 1024x496 (1024x960 is possible) I have to go into interlaced mode, which on my SM144 flickers like hell and is frankly unusable. At 1024x496 I have to admit that fine detail can be a little blurred, particularly towards the edge of the screen (then again, it wasn't all that brilliant in good ol' 640x400). Your mileage may vary according to which batch of monitor you have --- mine seems to be

one of the more mediocre 144s. Maybe the SM124s had a more persistent phosphor which would make the interlace mode acceptable. According to reports I have read (I haven't had a chance to connect an SM124 to my system here) the SM124s were much better focussed and suffered less from pincushioning and related diseases.

I mostly use the 1024x496 resolution with a 1024x800 ``virtual screen'', meaning that the bottom 304 lines scroll into view when I mouse down below the physical bottom of the screen. The scrolling is as smooth as silk --- it's the graphics card doing this, GEM just sees a 1024x 800 screen to write to. Ironically, I normally log on to Compu\$erve using an emulation mode which blits the standard 640x400 screen into the card's video RAM, 'coz my comms software throws a fit of agoraphobia otherwise...

I also use Screenblaster on the cheap multisync SVGA monitor I bought to use with my Falcon. I get quite noticeable moire patterns with some background fills, illustrating the difference between a mono monitor (continuous phosphor) and a color one (phosphor dots).

Hope this makes everything clearer ;)"

On the subject of compression methods, Shawn Laughlin asks:

"Ok, what do I need to unzip AEPJ01.ZIP ? Neither of my unzippers seem to work ("Unknown compression method"). You don't know how irritating it is to need help just to *open* a _%\$#!@_ file <GGG>. I suppose I'm going to need that 150K one eh? I'd like to know though, before I spend 20 minutes downloading it. The lovely thing about compression is it saves online time <G>."

Albert Dayes of Atari Explorer Magazine tells Shawn:

"It was zipped with ST ZIP v2.3."

Shawn posts:

"Yup, I believe that's the 150K one <g>. Thanks."

For whatever reason, Jody Golick asks:

"Do we know of a text editor that allows one to delete, say, the first ten characters of every line in a document, regardless of what those characters might be?"

Rick Flashman at Gribnif Software tells Jody:

"Tempus II can do what you want. I am not sure if you can still find a copy for sale, you might want to call Toad Computers. We use it ourselves quite a bit."

Carl Kreider asks:

"Can any hard disk experts lend a hand? My ST-296N is developing errors, so I tried to parallel a spare Quantum PRO-105 to it to back up to (and maybe even switch to). But I can't format it with the Atari 5.0 disk software - says too many bad sectors. And I can't just partition it since it complains that it wasn't formatted with HDX 5.0. Catch 22. Any ideas?"

Albert Dayes of Atari Explorer Magazine asks Carl:

"Have you tried Supra hard disk software?"

Carl tells Albert:

"I can't since I don't have any Supra hard disk software (or hardware either). Is it available here?"

Albert Dayes tells Carl:

"The software should work on any hard disk system regardless of host adapter. You can download it from the (GO ATARIVEN) forum."

Tom Mynar tells Carl:

"Make sure you remove the terminating resistors from the drive that is between the host adapter and the last drive. Also insure that parity on the Quantum is set to "OFF" or "NONE"."

Carl replies:

"I did both. The problem is mainly that you can't format a PRO-105. But HDX wants it formatted. Any further thoughts?"

Tom tells Carl:

"Your only alternative is to use the Supra software. Of course, technically speaking you are supposed to only do this if you have Supra equipment.

Luckily, I have a few of their controllers laying around in my parts bin so I felt *legal* to do it.

The software will have NO problems with the Atari host adapter. However, it might not know what a 105 is - you may need to select "other" and enter the cylinders/heads/tracks-per. You can get this neat information from the IBMHW sig - there's a file up there with an incredible number of units defined.

The LPS105S shows 4 heads/1219 cylinders/42 sectors per track
The PRO1052 shows 6 1019 43?

Good luck."

Brian Gockley of ST INFORMER asks:

"Does anyone know if I can control an IDE drive from a Mega/STE or TT. If so, what do I need?"

Albert Dayes of Atari Explorer Magazine tells Brian:

"No way that I know of unless you want to design the hardware, and write the drivers yourself."

Brian explains:

"That's what I thought :(I found a 200mb IDE for \$200, so I was wondering..."

John Amsler asks about using Spectre GCR, the Mac emulator for the Atari ST series of computers:

"If I "Spectrize" the L partition, can I put System 7 in there yet put all the other Mac files (executables and data files) in Atari partitions ... or do all the Mac files have to reside in and be called from a Mac partition?"

Albert Dayes of Atari Explorer Magazine tells John:

"If you "spectrize" the L partition all Mac files have to reside in the partition including system software. System 7 is not currently supported. They also have Spectre support in the (GO ATARIVEN) forum from Gadgets by Small..."

You can have a few partitions in Spectre format. And have different system software in each one. So you can boot with 6.04, 6.05 or 6.02. If you are using ICD or Supra's software you can have 12 partitions total (GEM, BGM, OOP, ACK, etc)."

Dick Paddock tells John:

"All the Mac software needs to reside on one or another Macintosh partition. The use of the "Spectre-ized" partition (old Macintosh File System, as distinct from the new Hierarchical File System) is to allow the Spectre's TransVerter program to transfer files from Atari/PC-formatted disks to the Mac side. It should be possible to have more than one HFS partition if you wish, but with Mac's System 6/7, there isn't a practical

limit to the size, except convenience. Albert is correct, that Version 7 of the Mac System does not run on Spectre. I have seen at least one person here mention using 6.0.7 or 6.0.8 as being in use, but I stick with 6.0.5. It's stable and does the job. In fact, I don't know what the higher revisions of 6.0.x do. 7.1, of course, includes all kinds of goodies, like multi-tasking a la MultiTOS or Geneva (more like MultiTOS, really.) System 6 had multitasking in the mode of the PC's DesqView, i.e., multiple applications open, all but one sleeping (as memory allowed.)"

Jonnie Santos posts:

"Okay, for years I've turned on my hard drive, waited for it to beep and then turned on my ST (now a STe). The other day for some reason I turned on the hard drive and the STe at the same time and it booted just fine. I've repeated this many times since - anyone got any ideas?"

Mike Mortilla suggests:

"Maybe you left the disk out of the ST drive? There is also a program around here (Ataripro?) that writes a delay onto the floppy disk that forces a "wait" for the HD. Seems ok so far."

Jonnie tells Mike:

"I've tried it with the disk in and out - same results. It's just funny in a way because for years I thought how great it would be if one switch would turn on my ST versus the multi-turn-on routine.

Here's my setup in case you see anything that stands out as a bit weird...

AUTO FOLDER

datadiet.inf datadiet.prg dcflight.prg foldr200.prg hdaccel.prg
hotwire.prg rtc_auto.prg warp9_st.prg

ACC FILES

GramSlam Hotsaver Diamond Find Data Diet Control Panel

PC - STE('91), 4Megs, Rainbow Tos (version 1.62 according to UVK)
(version 1.98 according to German utl)

HD - Supra 20Meg('87), MiniScribe M8425, 88ms access speed"

Tony Barker of Moving Pixels adds:

"Wasn't the OS in the STE altered (as all subsequent versions have) to include a delay on boot up so that all peripherals would have time to come on line."

From the Atari ST Arts Forum
=====

Charles Cartwright tells us:

"I look on my newly acquired STe as an interim measure while I wait to see where Falcon and Atari are going (if anywhere). I don't think now is the time to go investing substantially in anything too different be it a Falcon or even a PC. Interim could of course turn out to be quite a few years as may end up waiting for the dust to settle from the next PC 'revolution'! But enough of this philosophizing.

Yes, life with a hard disk can be very frustrating without some sort of boot utility. I used to run with the absolute minimum of auto programs and accessories and still had compatibility problems. I now use Superboot and have just finished installing the latest version which supports some of the STe features.

I have also found some pre-STe programs that failed on my old machine but work with the new one. I think it must be just a TOS compatibility problems.

As for obscure languages I am quite a connoisseur of these. I have tried Forth and also Lisp but APL has to be the weirdest!"

Jon Sanford tells Chas:

"Although I am inactive in programming I still consider my self a connoisseur of computer languages. APL is associated in my mind with the U.S. Dept. of Defense. Or am I thing of something else? I am waiting for a new paradigm. The assembly language comes out of the High pressure process of getting competitive new chips "out the door" as fast as possible. I wonder how much study is given to how mnemonic the mnemonics actually are. Once code is engraved in silicon or a large installed user base, there is inevitably much resistance to change. Programmers seem to pride themselves on an ability to remember lots of tricks and glitch arounds. However as an older person I begin to value simplicity an clarity for very practical reasons. (my memory ain't what it used to be). As systems get larger the old hacker methods will become disastrous. ... to be continued if your interested...

You see I have no problem with philosophy. Lisp is very nifty. I have only played with a PD version for the AtariST.

I upgraded to a Megal6STe last year. I expect 4 or 5 years before I can think about new hardware. I never heard of Superboot. Is it okay?"

Chas tells Jon:

"Super Boot is great. It is shareware and has been distributed with several of the ST magazines here in the UK. I am not familiar with the features of XBOOT so I cannot make a comparison. A particularly convenient

feature of Super Boot is the ability assign various boot combinations to

function keys.

As Dick Paddock says, Ada is the DoD language. It is named after Ada, Countess of Lovelace (Lord Byron's daughter) because the name originally suggested, DOD0, was considered too inauspicious. I have been on a training course learn Ada but never had the opportunity to use it. It is a Pascal like language intended for embedded systems. APL on the other hand started life as a mathematical notation and was turned into a computer language at IBM. APL programming is just something I dabble in at home. At work I program mostly in FORTRAN with a bit of C. As for assembly languages, I have worked professionally with both 8086 and 68000. Of the two I much prefer 68000 as it is much 'cleaner' and better thought out instruction set.

Regarding new paradigms, I have my doubts about 'object oriented' methods being the universal panacea their proponents claim."

Dick Paddock tells Jon:

"The "A" language I associate with DoD is Ada..."

Jon tells Chas:

"Is APL related to PL1? I read a book about that a long time ago it seemed clearer than a lot of more modern Languages. Superboot isn't the PD prg. I tried. XBOOT is very sexy. I took a course in FORTRAN we used TRS-80s it was weird. OOPS scares me it is a conspiracy to indoctrinate Hierarchical social control structures in to the soft quivering wet ware of innocents. If I wasn't gifted with a symmetrical brain learning impairment. 68K assm. would be my choice also. I think will just wait for "direct implants"

Sysop Ron Luks jumps in and adds:

"APL (A Programming Language) and PL1 (Programming Language One) are totally different. APL is a very cryptic, very mathematically oriented language developed for remote terminals. PL1 was an IBM creation which was extremely, extremely powerful, hard to learn, and not very popular in the computer community. I studied both in college and liked them both but neither garnered widespread commercial success."

Richard Blake asks:

"Could anyone tell me which of the graphics files I can view on my HP PC. I have several graphics programs, (Corel Photopaint, CorelDraw, WinCIM, Picem) but I am unfamiliar with the formats. I am specifically interested in the RRated ones.

Can any be converted with utilities?"

Chas Cartwright tells Richard:

"Any files with the .GIF extension should be viewable on a PC. I do not know whether any of the programs you mention can load GIF files directly. However, you will be able to find plenty of GIF viewer and conversion programs for the PC on CIS. Try GO GRAPHICS for these and a great variety of picture files. Graphics corner (GO CORNER) is particular well endowed in the R-Rated department. However, the files in this forum's libraries are mostly in Atari specific formats which are not viewable or convertible on a PC as far as I know. Programs are available for the ST to convert these formats to GIF but in my experience there is some loss of quality in the translation. As this is a Atari forum do you also have access to an ST?"

Bill Gibson asks:

"What's the best program to de-compress the *.ZIP files in the libraries here. I have several but they all choked on some text files."

Sysop Keith Joins tells Bill:

"Visit the AtariPro forum (GO ATARIP) and look in library 4 for the latest ST Zip program. I think the filename is STZIP2.??? but a command of BRO STZIP* in that library should locate it. If you can't find it leave a message there and I'll get you the exact filename."

Curtis Miller asks:

"How can I run an archived file of a picture? After I download it to my computer I then "unsqueeze it" or whatever the terminology is. But then when I try to "run the File I get a "bad command or file name". I get it on both LZH, and ARC picture files."

Sysop Bill Aycock tells Curtis:

"Once you get the file downloaded and decompressed, you need an appropriate viewer program to look at the picture. Our viewers and utilities are stored in LIB 14 here; you can find the one you need there, or let us know what extensions your picture files have (like .PC1, .GIF, .SPC) and we can recommend a viewer or two."

Sysop Bob Retelle posts:

"Ummm... Curtis, "Bad command or File Name" is an MS-DOS error message...

Are you trying to view Atari picture files on a PC..?

If that's the case, you'll need a picture viewing program that will allow you to see the picture files.

If the pictures are normal GIFs, any PC viewer, like COMPUSHOW will work.

If the pictures are any of the "proprietary" graphics formats from the Atari ST, then it's not so simple.

There's a PC program that will display pictures created with the DEGAS art program (ones that have filename extensions of .PI1, .PI2 or .PI3) in the GRAPHSSUPPORT forum. I believe the filename is something like DEGAVIEW.. (searching in the IBM File Finder with a keyword of DEGAS should find it).

If the pictures have an extension of .SPC, .SPU, or .SPX, it means they were created with the Spectrum 512 at program, and currently there is no MS-DOS program that can view them."

From the Atari Vendors Forum
=====

Michael Robillard tells us:

"I'm thinking about upgrading my present MEGA2 w/TOS102 and would to ask about the following.1)Accelerator Boards. I keep reading that the 8MHZ ATARI is on the way out and that I should upgrade to 16MHZ can I go beyond 16 or will it make my machine incompatible. 2)Hand Scanners.Do I need a monochrome monitor or do they work with color monitors too? 3)Hard Disks. For storage and access is a Hard Disk my best choice and if it is what should I be looking for to be sure that I can use it with my MEGA2.4)Modems Can I use a FAXMODEM as a regular modem or is it only used to send faxes.Also when buying a new modem besides speed what else should I be looking for to make sure it's compatible. If there are any other areas I should be upgrading please let me know."

Sysop Ron Luks tells Mike:

"In reverse order (just because I'm in that kind of mood this morning):

4) Faxmodems are modems that *ALSO* have fax send/receive capability with the proper software. Highly recommended because you get all the features of a standard modem *AND* fax capabilities. I highly recommend the Supra unit with Charles Smeton's STraight FAX software.

3) You definitely need a hard disk. The bigger the better. Let your wallet be your guide.

2) Hand scanners (don't know much about these)

1) I cant recommend any of the current accelerator boards with the possible exception of Dave Small's. I don't know what his shipping status is, but if he is shipping, his is the ONLY one I'd consider. That will give you a 68030. You will lose some software compatibility but gain some processing speed."

Scott Mueller asks a few questions:

"I am using my Atari Mega 2 ST mainly for my sequencing and studio work. I am running the C-Lab Notator software with full SMPTE hardware.

I recently bought a Leading Edge 486sx computer with a 213 Meg Hard Drive, and now the thought of using the Atari without a hard drive seems pointless.

I have lived for years without retail support for my Atari, and now I am in a position where I need some hardware. Where would I go to get a Hard Disk for my computer?

Will regular HD work with the Mega 2? Or must it be an Atari Product?"

Albert Dayes of Atari Explorer Magazine tells Scott:

"I know ICD did make an internal Host Adapter for the Mega ST series but I'm not sure of the current Status.

There is also ICD's LINK as well. The software I like current is ICD software.

SCSI hard drives prices vary, check with your dealer on prices. ICD prices are close to \$100 which includes the HOST adapter or ICD LINK and software (hard disk utilities).

There are also Atari dealers that will put one together for you if you don't wish to "roll your own".

John Zangrando tells Scott:

"I use my MSTTE primarily for NOTATOR but have found many other uses for it. I use all the Codehead stuff and got a very fast 130 Meg Maxtor H.D. WITH the ICD Link and software at TOAD COMPUTER. I am very happy with it."

Sysop Bob Retelle explains to Scott about using SCSI hard drives with the ST series:

"To try to simplify things a little, you CAN use a "regular" Hard Drive on your ST, but it has to have an Atari specific interface.

The easiest way to go about it is to buy a Hard Drive unit that is specifically set up for use on an Atari. In that case it's just a matter of plugging it in and using it.

You can also assemble a Hard Drive yourself from components sold by various suppliers if you're handy with electronic devices.

I don't know if Atari Corp is still selling any Hard Drives as separate units. Most of the recent models have the drives built-in. There are several other choices available for ST hard drives, including ICD, Supra and ABCO."

Mike Mortilla asks about ICD's "The Link":

"Will the Link work with a Quantum ELS85S? I'd like to purchase one used and run it from an ST using the Link (this will be the second Link I'll be buying from you!).

Your prompt reply is appreciated as the seller would like to get the thing shipped and out of his life <g>."

Jim Ness tells Mike:

"Yes, the Link will work with any SCSI drive, which the ELS85S is. Since you're buying it used, it will even have the jumper settings right.

I'm getting mine new, and I have to remove the parity jumper - assuming I can figure out where it is - and make sure the device ID is set right.

The only question on the Link is whether the ICD software has a "copy" of the ELS specs, so it can format the drive. Since ICD is the industry leader, I'm sure it's covered, or can be via an update of the formatter."

Mike does some checking and tells Jim:

"...I checked with ICD voice today and was told that it will only work with the ELS drives if parity is disabled. Being a total nerd when it comes to the programming end of this sort of thing, I'll have to call the seller and find out if it has been disabled. But ICD said that parity must be disabled thru software. <sigh>

Would this drive fit in my Stacy I wonder??? HMMMMMMMMM."

Jim replies:

"I believe this drive would fit the STacy. It's a 1" high 3.5" drive, and I think that's the form factor Atari used in the STacy.

But, my understanding is that disassembling a STacy is a nightmare."

Mike tells Jim:

"I've heard all about the Stacy nightmare!!!

Any thoughts on parity? If it is disabled via software or physically? If via software, once it's disabled, does it need to be disabled after a crash (will it default to enabled?) ICD said the ELS drives need to be disabled (parity) in order to work w/ the ST and the Link and that it could only be disabled via software on a TT.

HMMMMMMMM. Curiouser and curiouser."

Joe Moses posts:

"In the latest Gemulator ver. 3.0 (by PMC) they state 'Spectre/GCR will not be supported at the request of Gadgets by Small.' I am wondering why."

Mark at Gadgets by Small tells Joe:

"I have not spoken with Dave regarding this matter but I can probably guess the reason. I believe it would have something to do with the fact that Gemulator was/is providing a spot on the board for the Mac ROMs. If that be the case, someone could use the Spectre software without the need for the Spectre cartridge. This could result in some dishonest persons "borrowing" a copy of the Spectre software and running Spectre on their Gemulator. Gadgets wouldn't receive any monies for the use of their software.

Again, this is just my guess. But I betcha it's pretty close to the fact."

Joe tells Mark:

"I understand the concern you have. Perhaps, Dave could release a special version of Spectre (say a version 4.0) that would support this Gemulator option? Or perhaps a hardware "key" in combination with a new software release would work?

Point I'm trying to make is, the power and appeal of the Gemulator, once it can run MAC software, will, in a word, be LARGE!

As developers and power users, should we stand in the way of this *revolution*!"

Mark tells Joe:

"One of the other considerations is if it is financially feasible to create a special release of Spectre (which probably would require some other form of hardware "key") for Gemulator. When you consider that 68040-based color Macs are selling for under \$1200, a business has to wonder if they will get any kind of a return on their investment.

Doing it because it is a "hacker" thing or just to prove that you >can< do it is one thing. Paying the bills is another ballgame."

Dazzz Smith asks Rick Flashman of Gribnif Software:

"How's the Beta testing of Geneva going Rick? I haven't heard anything publicly from any of the Beta testers yet?"

"Pretty good and pretty hectic! We've receive incredible valuable information from our beta testers which has helped solve 3-4 problems that were affected a whole series of programs that we had never tried. Most of the reports we get now have been already fixed. We are not concentrating on one or two remaining ones, getting MiNT working right (easier said than done), and the Geneva manual."

"So your still on schedule for the release version of Geneva then?"

"Pretty much. Dan and I are having a meeting about that tomorrow. The program seems to be there, though there are one or two things we would like to try out (Cubase for example). The manual is taking form pretty well. I think at this point we "could" ship it by Sept. 1st, but I think we are going to maybe wait until Glendale (two weeks after that) to see if we can get those one or two issues resolved."

C'mon back next week and be ready to "get educated" about your computer among some of the most knowledgable people around. Just remember to listen to what they are saying when...

LEXICOR INTRODUCES THE AVERKEY!

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AVerKey features reflect the latest in multimedia hardware design. Through its compact size and powerful internal design, the AVerKey can be quickly installed to convert a number of VGA Modes eg. 640x480 to NTSC or PAL Systems.

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Since VGA scan rates are almost twice that of a Television the display quality of the Television signal is inferior to that of VGA. This is especially true of picture stability when displaying single line. Single line display will result in television flicker unless a flicker free function is employed. The AVerKey has such a built-in "flicker-free" feature which stabilizes VGA Graphics on a television Monitor. This feature greatly improves the display quality of your Animations in either Prism Paint, Da's Vektor, Chronos, Phoenix or any other Atari Software that will work in VGA Modes. Besides helping reduce flicker, this feature even further reduces brightness to a comfortable level.

Price: \$289.00 U.S. Dollars.

Shipping and Tax not included.

Availability: Now

System Requirements:

Any kind of VGA based System. This includes NOVA Graphics Card and TT Medium. The AVerkey has not been tested with any other Atari Based Graphic Card and can therefore not guarantee it running on anything else.

Software:

DOS Software already included, Atari Software available end of September. However Software is not required to run the AVerkey. The Software will however allow the AVerkey to switch down its scan rates to as low as 320x200.

Display Mode Supported:

All standard VGA Modes.

640x480 mode in 256, 32k, 64k or even 24bit in NTSC or PAL (720x400 in NTSC Max.) 800x600 mode if using Cirrus, CL-GD 6410 VGA chip or Tseng Labs. ET-4000 with frequency synthesizer as ICS 2494-237 in PAL. One VGA Input Signal (Analog RGB 15 pin display connector, 0.7 Volt p.t.p.)

Four Output Signals:

1 x Composite Video, 1.0 Volt peak to peak RCA Jack Connector

1 x S-VHS Y and C Video, Mini-DIN 4 pin connector

1 x RGB Output

1 x Standard VGA card Signal (15 pin)

FCC Warning:

It has been tested and found to comply with the limits for a class A Computing Device pursuant to subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection in a commercial environment.

Additional hardware to the Averkey:

Averkey GENLOCK Board which will allow your Averkey to have Genlock capabilities.

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STReport International Online Magazine is available every week in the ST Advantage on DELPHI. STReport readers are invited to join DELPHI and become a part of a friendly community of enthusiastic computer users there.

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TOP TEN DOWNLOADS (8/25/93)

- (1) STREPORT 9.34
- (2) ST ZIP 2.3
- (3) AUTOMOTIVE CLIP ART 2
- (4) AEO: VOLUME 2 ISSUE 14
- (5) SYSTEM INFO, TELLS ALL!
- (6) AEO JAGUAR SPECIAL EDITION
- (7) WORLDWIDE 9600 TYMNET/SPRINTNET
- (8) GEMBENCH 3.03
- (9) XCONTROL PANEL 1.31
- (10) BOB BRODIE CONFERENCE

All of the above files can be found in the RECENT ARRIVALS database for at least one week after the posting of this list. Please Note that in the case of online magazines, only the most current issue in the database at the time of this compilation is considered for the Top 10 list. Also, for all files, a submission is eligible for the Top 10 list for only four weeks after its original uploading.

DELPHI- It's getting better all the time!

> TYMDIAL WORLDWIDE ACCESS STR InfoFile

BT-GNS TYMDIAL 9.6 WORLDWIDE ACCESS

NODE	CITY	PROV		DENS	DIALUP ACCESS				ACCESS NO.	M N P
		ST	CNTRY		3	12	24	96		
14037	ADELAIDE		AUS	PAC				C	(8)272-8944	Y
4621	BRISBANE		AUS	PAC				C	(7)846-1022	Y
14370	CANBERRA		AUS	PAC				C	(6)280-6911	Y
7313	MELBOURNE		AUS	PAC				C	(3)415-1066	Y
14035	PERTH		AUS	PAC				C	(9)321-6446	Y
3335	SYDNEY		AUS	PAC				C	(2)299-6322	Y
5024	ANTWERP		BEL	E1	C	C	C	C	(3) 226-3120	Y
11114	CALGARY	AB	CAN	CANH				C	403/264-5472	Y
14077	VANCOUVER	BC	CAN	HIGH				C	604/683-7453	Y
10122	HULL/OTTAWA	ON	CAN	CANH				C	613/563-3777	Y
6416	OTTAWA	ON	CAN	CANH				C	613/563-3777	Y
10122	OTTAWA	ON	CAN	CANH				C	613/563-3777	N
11326	TORONTO	ON	CAN	CANH				C	416/361-3028	Y
3422	MONTREAL/ST. LAURENT	QU	CAN	CANH				C	514/748-8057	Y
3422	ST. LAURENT	QU	CAN	CANH				C	514/748-8057	Y
15060	AGANA HEIGHTS		GUM	*				C	671/477-1123	Y
11061	HONG KONG		HKG	HK				C	526-9474	Y
7406	OSAKA		JPN	PAC				C	06-266-1718	N
7406	TOKYO		JAP	PAC				C	03-5275-3829	Y
14434	SEOUL		KOR	PAC				C	(2) 503-0090	Y
2477	ALKMAAR		NLD	E1	C	C	C	C	(72) 155190	Y
2245	AMSTERDAM		NLD	E1	C	C	C	C	(20) 6692401	Y
7315	EINDHOVEN		NLD	E1	C	C	C	C	(40) 466000	Y
5174	AUCKLAND		NZL	PAC				C	(9) 302-2372	Y
5175	WELLINGTON		NZL	PAC				C	(4) 472-3853	Y
14324	MANILA		PHL	PAC				C	(2) 815-8791	Y
14324	MANILA		PHL	PAC				C	(2) 815-8792	Y
13543	SINGAPORE		SGP	PAC				C	(65)733-8441	Y
3453	BIRMINGHAM	AL	USA	HIGH				C	205/942-0297	Y
14006	GADSDEN	AL	USA	LOW				C	205/543-4200	Y
11727	HUNTSVILLE	AL	USA	MED				C	205/882-9199	Y
3054	MOBILE	AL	USA	MED				C	205/343-9215	Y
4252	MONTGOMERY	AL	USA	LOW				C	205/272-6041	Y
14425	NORTHPORT	AL	USA	LOW				C	205/750-8524	Y
14470	FAYETTEVILLE	AR	USA	LOW				C	501/442-3742	Y
11313	LITTLE ROCK	AR	USA	MED				C	501/666-1224	Y
3663	MESA/PHOENIX	AZ	USA	HIGH				C	602/258-4528	Y
3663	PHOENIX	AZ	USA	HIGH				C	602/258-4528	Y
2016	TUCSON	AZ	USA	LOW				C	602/544-4130	Y
5341	ALAMEDA/OAKLAND	CA	USA	HIGH				C	510/638-7904	Y
11357	ALHAMBRA	CA	USA	MED				C	818/289-1035	Y

2644	ANAHEIM/NEWPRT BEACH	CA	USA	HIGH	C	714/752-1493	Y
13413	ANTIOCH	CA	USA	LOW	C	510/778-0982	Y
12477	BAKERSFIELD	CA	USA	LOW	C	805/325-8771	Y
6301	BELMONT/REDWOOD CITY	CA	USA	HIGH	C	415/367-0334	Y
5341	BERKELEY/OAKLAND	CA	USA	HIGH	C	510/638-7904	Y
6563	BURBANK	CA	USA	LOW	C	818/558-1508	Y
4616	CATHEDRAL CITY	CA	USA	LOW	C	619/324-0728	Y
4046	COLTON	CA	USA	MED	C	909/872-0394	Y
5777	DIAMOND BAR	CA	USA	MED	C	909/860-2881	Y
3120	EL SEGUNDO	CA	USA	MED	C	310/536-0657	Y
6637	EUREKA	CA	USA	LOW	C	707/445-2458	Y
12741	FAIRFIELD	CA	USA	LOW	C	707/434-1040	Y
14101	FREMONT	CA	USA	MED	C	510/498-4400	Y
10072	FRESNO	CA	USA	LOW	C	209/442-3475	Y
5341	HAYWARD/OAKLAND	CA	USA	HIGH	C	510/638-7904	Y
7533	INGLEWOOD/VERNON	CA	USA	HIGH	C	213/588-8128	Y
2644	IRVINE/NEWPORT BEACH	CA	USA	HIGH	C	714/752-1493	Y
13757	LONG BEACH	CA	USA	LOW	C	310/435-0282	Y
3725	LOS ALTOS/SAN JOSE	CA	USA	HIGH	C	408/432-0804	Y
7533	LOS ANGELES/VERNON	CA	USA	HIGH	C	213/588-8128	Y
4402	MODESTO	CA	USA	LOW	C	209/491-0590	Y
11142	MOORPARK	CA	USA	LOW	C	805/531-9840	Y
14550	NAPA	CA	USA	LOW	C	707/254-7001	Y
2644	NEWPORT BEACH	CA	USA	HIGH	C	714/752-1493	Y
5341	OAKLAND	CA	USA	HIGH	C	510/638-7904	Y
6301	PALO ALTO/REDWD CITY	CA	USA	HIGH	C	415/367-0334	Y
14100	PLEASANTON	CA	USA	MED	C	510/484-1025	Y
12575	PORT HUENEME	CA	USA	HIGH	C	805/984-5636	Y
7307	REDDING	CA	USA	LOW	C	916/245-0308	Y
6301	REDWOOD CITY	CA	USA	HIGH	C	415/367-0334	Y
4046	RIVERSIDE/COLTON	CA	USA	MED	C	909/872-0394	Y
7542	SACRAMENTO	CA	USA	HIGH	C	916/442-0992	Y
14220	SALINAS	CA	USA	LOW	C	408/754-8722	Y
4046	SAN BERNARDINO	CA	USA	MED	C	909/872-0397	Y
14054	SAN CLEMENTE	CA	USA	LOW	C	714/489-0986	Y
3510	SAN DIEGO	CA	USA	HIGH	C	619/497-0050	Y
7417	SAN FRANCISCO	CA	USA	HIGH	C	415/495-7220	Y
3725	SAN JOSE	CA	USA	HIGH	C	408/432-0804	Y
3044	SAN LUIS OBISPO	CA	USA	LOW	C	805/549-7811	Y
11660	SAN RAFAEL	CA	USA	LOW	C	415/453-6025	Y
2644	SANTA ANA/NEWPRT BCH	CA	USA	HIGH	C	714/752-1493	Y
13704	SANTA BARBARA	CA	USA	MED	C	805/962-6636	Y
3725	SANTA CLARA/SAN JOSE	CA	USA	HIGH	C	408/432-0804	Y
14165	SANTA CRUZ	CA	USA	MED	C	408/464-0292	Y
14151	SANTA ROSA	CA	USA	LOW	C	707/523-1667	Y
14003	SHERMAN OAKS	CA	USA	MED	C	818/995-0517	Y
14011	SO SAN FRANCISCO	CA	USA	LOW	C	415/588-2074	Y
14067	STOCKTON	CA	USA	LOW	C	209/463-5881	Y
3725	SUNNYVALE/SAN JOSE	CA	USA	HIGH	C	408/432-0804	Y
14072	VALLEJO	CA	USA	LOW	C	707/553-2616	Y
7533	VERNON	CA	USA	HIGH	C	213/588-8128	Y
10762	VISALIA	CA	USA	LOW	C	209/635-4289	Y
12364	VISTA	CA	USA	LOW	C	619/941-9793	Y
10221	WALNUT CREEK	CA	USA	MED	C	510/935-9806	Y
6651	AURORA/DENVER	CO	USA	HIGH	C	303/830-8530	Y
6651	BOULDER/DENVER	CO	USA	HIGH	C	303/830-8530	Y
2470	COLORADO SPRINGS	CO	USA	MED	C	719/592-1161	Y
6651	DENVER	CO	USA	HIGH	C	303/830-8530	Y
3557	BLOOMFIELD	CT	USA	HIGH	C	203/243-9446	Y
14043	BRIDGEPORT	CT	USA	MED	C	203/334-5662	Y

14250	DANBURY	CT	USA	LOW	C	203/790-6651	Y
3557	HARTFORD/BLOOMFIELD	CT	USA	HIGH	C	203/243-9446	Y
12044	NEW HAVEN	CT	USA	MED	C	203/789-1848	Y
2752	STAMFORD	CT	USA	HIGH	C	203/324-2297	Y
6264	WASHINGTON/FAIRFAX	DC	USA	HIGH	C	703/385-7587	Y
6265	WASHINGTON/FAIRFAX	DC	USA	HIGH	C	703/385-7587	Y
14430	DOVER	DE	USA	MED	C	302/734-5018	Y
14626	WILMINGTON	DE	USA	MED	C	302/888-0174	Y
3737	CLEARWATER	FL	USA	MED	C	813/443-4515	Y
13631	FT MEYERS	FL	USA	LOW	C	813/332-0933	Y
6770	FT. LAUDERDALE	FL	USA	MED	C	305/779-3445	Y
14224	GAINESVILLE	FL	USA	LOW	C	904/335-2004	Y
6770	HOLLYWD/FT. LAUDRDLE	FL	USA	MED	C	305/779-3445	Y
2521	JACKSONVILLE	FL	USA	MED	C	904/724-5994	Y
14177	LAKELAND	FL	USA	LOW	C	813/853-8509	Y
10355	LONGWOOD/ORLANDO	FL	USA	MED	C	407/839-0555	Y
7724	MIAMI	FL	USA	HIGH	C	305/592-2357	Y
13632	NAPLES	FL	USA	LOW	C	813/261-3366	Y
10355	ORLANDO	FL	USA	MED	C	407/839-0555	Y
14415	ORMOND BEACH	FL	USA	LOW	C	904/673-6237	Y
14651	PENSACOLA	FL	USA	LOW	C	904/474-9283	Y
6770	POMPNO BCH/FT. LDRDL	FL	USA	MED	C	305/779-3445	Y
14661	SARASOTA	FL	USA	LOW	C	813/365-8089	Y
13676	TALLAHASSEE	FL	USA	MED	C	904/422-0016	Y
13240	TAMPA	FL	USA	HIGH	C	813/932-1091	Y
14166	ATHENS	GA	USA	LOW	C	706/354-1368	Y
10254	ATLANTA/DORAVILLE	GA	USA	HIGH	C	404/451-1546	Y
5526	COLUMBUS	GA	USA	LOW	C	706/327-4214	Y
10254	DORAVILLE	GA	USA	HIGH	C	404/451-1546	Y
10254	MARIETTA/DORAVILLE	GA	USA	HIGH	C	404/451-1546	Y
13772	MARTINEZ	GA	USA	LOW	C	706/650-0207	Y
10254	NORCROSS/DORAVILLE	GA	USA	HIGH	C	404/451-1546	Y
13774	SAVANNAH	GA	USA	LOW	C	912/233-9032	Y
2437	WARNER ROBINS	GA	USA	LOW	C	912/922-7551	Y
13476	HONOLULU	HI	USA	MED	C	808/599-1501	Y
14657	IOWA CITY	IA	USA	LOW	C	319/354-6108	Y
14150	W DES MOINES	IA	USA	MED	C	515/255-1864	Y
14160	BOISE	ID	USA	MED	C	208/345-5977	Y
6324	CHICAGO	IL	USA	HIGH	C	312/427-7579	Y
11160	CHICAGO	IL	USA	WATS	C	800/###-####	Y
13732	GLEN ELLYN	IL	USA	MED	C	708/469-2694	Y
5605	LOVES PARK	IL	USA	MED	C	815/877-8759	Y
14660	O'FALLON	IL	USA	LOW	C	618/628-4758	Y
14514	PEORIA	IL	USA	LOW	C	309/674-8607	Y
5073	ROCK ISLAND	IL	USA	MED	C	309/788-0892	Y
14254	SPRINGFIELD	IL	USA	MED	C	217/544-5878	Y
14215	URBANA	IL	USA	LOW	C	217/344-4466	Y
14210	FT WAYNE	IN	USA	LOW	C	219/422-0295	Y
14133	GARY	IN	USA	LOW	C	219/884-2630	Y
5672	INDIANAPOLIS	IN	USA	HIGH	C	317/687-0305	Y
14222	SOUTH BEND	IN	USA	MED	C	219/233-3588	Y
13254	LAWRENCE	KS	USA	LOW	C	913/843-3553	Y
4653	MISSION	KS	USA	HIGH	C	913/384-0071	Y
4653	SHAWNEE/MISSION	KS	USA	HIGH	C	913/384-0071	Y
14117	WICHITA	KS	USA	MED	C	316/681-0931	Y
5311	LEXINGTON	KY	USA	MED	C	606/269-0461	y
13136	LOUISVILLE	KY	USA	MED	C	502/499-7730	Y
14362	BATON ROUGE	LA	USA	HIGH	C	504/293-2955	Y
11376	NEW ORLEANS	LA	USA	HIGH	C	504/524-1738	Y
14142	SHREVEPORT	LA	USA	LOW	C	318/688-2018	y

14120	BEDFORD	MA	USA	LOW	C	617/275-5077	Y
4060	BOSTON	MA	USA	HIGH	C	617/330-5110	Y
4713	BOSTON	MA	USA	HIGH	C	617/330-5110	Y
4060	CAMBRIDGE/BOSTON	MA	USA	HIGH	C	617/330-5110	Y
4713	CAMBRIDGE/BOSTON	MA	USA	HIGH	C	617/330-5110	Y
13756	LAWRENCE	MA	USA	LOW	C	508/682-0685	Y
3321	LOWELL	MA	USA	LOW	C	508/458-0623	Y
14122	MARLBOROUGH	MA	USA	LOW	C	508/229-0041	Y
14012	RANDOLPH	MA	USA	LOW	C	617/961-4809	Y
4713	TEMPLETON	MA	USA	HIGH	C	508/939-4459	Y
14022	WORCESTER	MA	USA	LOW	C	508/754-4107	Y
10034	BALTIMORE	MD	USA	HIGH	C	410/659-7460	Y
6264	BETHESDA/FAIRFAX	MD	USA	HIGH	C	703/385-7587	Y
6265	BETHESDA/FAIRFAX	MD	USA	HIGH	C	703/385-7587	Y
14507	MYERSVILLE	MD	USA	LOW	C	301/293-2460	Y
13751	ROCKVILLE	MD	USA	MED	C	301/309-1501	Y
14510	SALISBURY	MD	USA	LOW	C	410/543-8575	Y
14512	PORTLAND	ME	USA	LOW	C	207/828-0072	Y
10307	ANN ARBOR	MI	USA	MED	C	313/973-0166	Y
5623	BATTLE CREEK	MI	USA	LOW	C	616/964-7733	Y
6012	BURTON	MI	USA	LOW	C	313/743-5396	Y
7005	DETROIT	MI	USA	HIGH	C	313/964-1225	Y
10715	FREELAND	MI	USA	LOW	C	517/695-9766	Y
14105	GRAND RAPIDS	MI	USA	MED	C	616/458-9252	Y
3146	JACKSON	MI	USA	LOW	C	517/783-1114	Y
12320	KALAMAZOO	MI	USA	MED	C	616/388-4340	Y
14114	LANSING	MI	USA	MED	C	517/372-9511	Y
11010	SOUTHFIELD	MI	USA	MED	C	313/557-2106	Y
14337	MANKATO	MN	USA	LOW	C	507/345-4177	Y
2377	MINNEAPOLIS	MN	USA	HIGH	C	612/338-0845	Y
13762	ROCHESTER	MN	USA	LOW	C	507/288-1864	Y
13750	ST. CLOUD	MN	USA	LOW	C	612/656-0991	Y
2377	ST. PAUL/MINNEAPOLIS	MN	USA	HIGH	C	612/338-0845	Y
6676	BRIDGETON	MO	USA	HIGH	C	314/291-6744	Y
5350	SPRINGFIELD	MO	USA	LOW	C	417/889-9209	Y
6515	CHARLOTTE	NC	USA	HIGH	C	704/329-0104	Y
14073	DURHAM	NC	USA	HIGH	C	919/406-0076	Y
14650	GREENSBORO	NC	USA	MED	C	919/274-0719	Y
6170	WINSTON-SALEM	NC	USA	MED	C	919/765-0500	Y
13711	BISMARCK	ND	USA	LOW	C	701/223-9365	Y
14253	LINCOLN	NE	USA	LOW	C	402/464-2103	Y
14000	OMAHA	NE	USA	MED	C	402/393-5935	Y
13734	MANCHESTER	NH	USA	LOW	C	603/626-0040	Y
4771	NASHUA	NH	USA	MED	C	603/882-4168	Y
14374	ATLANTIC CITY	NJ	USA	LOW	C	609/441-8290	Y
2340	ELIZABETH/NEWARK	NJ	USA	HIGH	C	201/824-4201	Y
5463	ENGLEWOOD	NJ	USA	MED	C	201/816-1642	Y
2340	JERSEY CITY/NEWARK	NJ	USA	HIGH	C	201/824-4201	Y
2340	NEWARK	NJ	USA	HIGH	C	201/824-4201	Y
13366	PATERSON	NJ	USA	MED	C	201/523-8622	Y
6314	PENNSAUKEN	NJ	USA	LOW	C	609/665-0637	Y
10716	PISCATAWAY	NJ	USA	HIGH	C	908/562-0570	Y
10153	PRINCETON/SO. BRNSWK	NJ	USA	HIGH	C	609/452-8388	Y
14536	RAHWAY	NJ	USA	LOW	C	908/574-9278	Y
6013	RED BANK	NJ	USA	LOW	C	908/224-0873	Y
10153	SOUTH BRUNSWICK	NJ	USA	HIGH	C	609/452-8388	Y
11305	UNION CITY	NJ	USA	HIGH	C	201/617/9069	Y
2340	UNION/NEWARK	NJ	USA	HIGH	C	201/824-4201	Y
12760	ALBUQUERQUE	NM	USA	MED	C	505/243-0699	Y
14031	LAS CRUCES	NM	USA	LOW	C	505/527-8593	Y

14325	CARSON CITY	NV	USA	MED	C	702/885-0188	Y
6674	LAS VEGAS	NV	USA	MED	C	702/795-3700	Y
3520	ALBANY	NY	USA	MED	C	518/446-0054	Y
7011	BUFFALO	NY	USA	MED	C	716/893-9622	Y
3540	HEMPSTEAD	NY	USA	MED	C	516/565-0111	Y
14671	MELVILLE	NY	USA	HIGH	C	516/420-4190	Y
3540	MINEOLA/HEMPSTEAD	NY	USA	MED	C	516/565-0111	Y
10067	NEW YORK	NY	USA	HIGH	C	212/269-4640	Y
2304	NEW YORK	NY	USA	HIGH	C	212/269-4640	Y
10070	NEW YORK	NY	USA	HIGH	C	212/269-4640	Y
7162	PERINTON/PITTSFORD	NY	USA	HIGH	C	716/586-4100	Y
7162	PITTSFORD	NY	USA	HIGH	C	716/586-4100	Y
7162	ROCHESTER/PITTSFORD	NY	USA	HIGH	C	716/586-4100	Y
14647	SYRACUS	NY	USA	MED	C	315/463-4636	Y
7240	WHITE PLAINS	NY	USA	HIGH	C	914/761-5377	Y
6454	AKRON	OH	USA	MED	C	216/434-0014	Y
14161	CANTON	OH	USA	LOW	C	216/453-6407	Y
7140	CINCINNATI	OH	USA	HIGH	C	513/489-1032	Y
4063	CLEVELAND	OH	USA	HIGH	C	216/696-0545	Y
2272	DAYTON	OH	USA	MED	C	513/454-2044	Y
14576	DUBLIN	OH	USA	HIGH	C	614/798-2131	Y
5345	TOLEDO	OH	USA	MED	C	419/255-7146	Y
6506	OKLAHOMA CITY	OK	USA	HIGH	C	405/787-0684	Y
3051	TULSA	OK	USA	HIGH	C	918/585-8400	Y
13747	EUGENE	OR	USA	LOW	C	503/343-2524	Y
13275	PORTLAND	OR	USA	HIGH	C	503/225-1918	Y
3077	BETHLEHEM	PA	USA	MED	C	215/882-3883	Y
10133	ERIE	PA	USA	LOW	C	814/459-0307	Y
14264	LANCASTER	PA	USA	LOW	C	717/581-9350	Y
14664	LEMOYNE	PA	USA	MED	C	717/975-8168	Y
2145	NORRISTOWN	PA	USA	MED	C	215/666-1984	Y
3707	PHILADELPHIA	PA	USA	HIGH	C	215/629-0567	Y
6570	PITTSBURGH	PA	USA	HIGH	C	412/642-2271	Y
14673	READING	PA	USA	LOW	C	215/796-9108	Y
14734	WILKES BARRE	PA	USA	LOW	C	717/823-5523	Y
14252	YORK	PA	USA	LOW	C	717/848-4595	Y
2657	PAWTUCKET/PROVIDENCE	RI	USA	HIGH	C	401/751-8030	Y
2657	PROVIDENCE	RI	USA	HIGH	C	401/751-8030	Y
2657	WARWICK/PROVIDENCE	RI	USA	HIGH	C	401/751-8030	Y
12024	COLUMBIA	SC	USA	MED	C	803/771-6608	Y
7272	GREENVILLE	SC	USA	MED	C	803/370-9014	Y
14277	MYRTLE BEACH	SC	USA	LOW	C	803/626-9335	Y
13763	SIOUX FALLS	SD	USA	LOW	C	605/331-6467	Y
14505	CHATTANOOGA	TN	USA	MED	C	615/266-9693	Y
11755	KNOXVILLE	TN	USA	MED	C	615/693-5324	Y
12045	MEMPHIS	TN	USA	MED	C	901/521-1303	Y
3611	NASHVILLE	TN	USA	HIGH	C	615/889-4044	Y
13776	AMARILLO	TX	USA	LOW	C	806/359-1124	Y
3523	AUSTIN	TX	USA	HIGH	C	512/448-4611	Y
13165	BRYAN	TX	USA	LOW	C	409/823-4900	Y
11054	CORPUS CHRISTI	TX	USA	MED	C	512/289-1981	Y
13120	DALLAS	TX	USA	HIGH	C	214/637-3012	Y
13137	EL PASO	TX	USA	MED	C	915/533-0035	Y
10571	FT. WORTH	TX	USA	LOW	C	817/332-5923	Y
10713	HOUSTON	TX	USA	HIGH	C	713/870-8381	Y
13707	LONGVIEW	TX	USA	LOW	C	903/757-3355	Y
14432	LUBBOCK	TX	USA	LOW	C	806/799-8993	Y
14410	MIDLAND	TX	USA	LOW	C	915/561-8108	Y
13724	SAN ANGELO	TX	USA	LOW	C	915/653-3300	Y
7524	SAN ANTONIO	TX	USA	HIGH	C	210/225-3213	Y

3043	TYLER	TX	USA	LOW	C	903/509-2707	Y
13720	WACO	TX	USA	LOW	C	817/776-0773	Y
14427	WICHITA FALLS	TX	USA	LOW	C	817/723-6248	Y
10046	PROVO	UT	USA	LOW	C	801/373-5614	Y
13246	SALT LAKE CITY	UT	USA	HIGH	C	801/364-7605	Y
14263	ALEXANDRIA	VA	USA	LOW	C	318/448-0174	Y
6264	ALEXANDRIA/FAIRFAX	VA	USA	HIGH	C	703/385-7587	Y
6265	ALEXANDRIA/FAIRFAX	VA	USA	HIGH	C	703/385-7587	Y
6264	ARLINGTON/FAIRFAX	VA	USA	HIGH	C	703/385-7587	Y
6265	ARLINGTON/FAIRFAX	VA	USA	HIGH	C	703/385-7587	Y
11310	CHARLOTTESVILLE	VA	USA	LOW	C	804/977-9610	Y
6264	FAIRFAX	VA	USA	HIGH	C	703/385-7587	Y
6265	FAIRFAX	VA	USA	HIGH	C	703/385-7587	Y
14707	NEWPORT NEWS	VA	USA	MED	C	804/595-7180	Y
11740	NORFOLK	VA	USA	MED	C	804/858-2707	Y
5142	RICHMOND	VA	USA	MED	C	804/330-0002	Y
14203	ROANOKE	VA	USA	LOW	C	703/344-0412	Y
4453	BELLEVUE/SEATTLE	WA	USA	HIGH	C	206/283-3677	Y
12517	KENNEWICK	WA	USA	MED	C	509/783-2201	Y
4453	SEATTLE	WA	USA	HIGH	C	206/283-3677	Y
12517	SPOKANE	WA	USA	MED	C	509/455-7091	Y
4513	VANCOUVER	WA	USA	LOW	C	206/576-6830	Y
13753	EAU CLAIRE	WI	USA	LOW	C	715/833-7608	Y
14363	GREEN BAY	WI	USA	LOW	C	414/432-0293	Y
6675	MADISON	WI	USA	HIGH	C	608/242-1016	Y
2404	MILWAUKEE/BROOKFIELD	WI	USA	HIGH	C	414/796-1087	Y
14136	CHARLESTON	WV	USA	LOW	C	304/342-6413	Y

B=BELL 103/113 (300 bps) or BELL 212A (1200 bps) compatible modems
C=CCITT V.21(300 bps) or CCITT V.22 bis(2400 bps) or CCITT V.32
compatible modems

DOMESTIC ASYNCHRONOUS DIAL SERVICE AT 9600 BPS

CA 310	Marina Del Rey	306-3450		B
CA 510	Oakland	836-3844		B
CA 415	Palo Alto	856-4854		B
CA 916	Sacramento	448-0820		B
CA 415	San Carlos	591-8578		B
CA 619	San Diego	233-1025		B
CA 415	San Francisco	956-2256	956-6317	A
CA 408	San Jose	294-9067		B
CA 310	San Pedro	548-7146		B
CA 714	Santa Ana	558-1501		B
CA 805	Santa Barbara	965-3326		B
CA 707	Santa Rosa	523-1048		B
CA 818	Woodland Hills	887-7420		B
CO 719	Colorado Springs	632-0278		B
CO 303	Denver	745-3285	337-3304	A
CT 203	Bridgeport	332-7400		B
CT 203	Danbury	778-2022		B
CT 203	Hartford	560-1385		B
CT 203	New Haven	624-5945		B
CT 203	Stamford	961-8371		B
DE 302	Newark	477-1745		B
DC 202	Washington	659-2733	429-9145	A
FL 407	Boca Raton	367-0732		B
FL 305	Ft Lauderdale	764-0318		B
FL 904	Jacksonville	353-1137		B
FL 904	Gainesville	331-3799		B
FL 305	Miami	358-5349	372-9684	A
FL 407	Orlando	246-0851		B
FL 813	St Petersburg	327-7024		B
FL 904	Tallahassee	222-0533		B
FL 813	Tampa	221-3713		B
FL 407	West Palm Beach	820-9391		B
GA 404	Atlanta	688-1212	523-5512	A
HI 808	Oahu	536-3886 (1)		-
IL 708	Arlington Heights	670-9522		A
IL 708	Aurora	896-9802		B
IL 312	Chicago	938-5462	938-4401	A
IN 317	Indianapolis	299-2593		B
IN 219	Ft. Wayne	422-8013		B
IN 219	South Bend	288-2355		B
IA 515	Des Moines	288-4626		B
KS 316	Wichita	729-9888		B
KY 606	Lexington	231-7717		B
KY 502	Louisville	583-1209		B
LA 504	New Orleans	524-7442	524-7337	A
LA 504	Baton Rouge	293-6010		A
MD 410	Baltimore	244-0470	727-2044	A
MA 617	Boston	338-0002	292-9522	A
MA 413	Springfield	747-3700		B
MA 508	Worcester	791-7630		B
MI 313	Ann Arbor	741-8488	996-0035	A
MI 313	Detroit	965-3011	964-3133	A
MI 616	Grand Rapids	774-5958		B
MI 517	Lansing	482-0120		B
MI 313	Warren	573-7300		B
MN 612	Minneapolis	332-0033	341-0324	A
MO 816	Kansas City	421-5783	221-9407	A
MO 314	St Louis	421-1376	421-0872	A
NE 402	Omaha	341-4622		B
NV 702	Las Vegas	737-1752		B

NV 702 Reno	324-1718		B
NJ 908 Freehold	780-2680		B
NJ 201 Hackensack	488-1726		B
NJ 609 Marlton	424-1144		B
NJ 201 Morristown	605-1836		B
NJ 908 New Brunswick	220-0405		B
NJ 201 Newark	624-8843	623-0900	A
NJ 201 Paterson	279-4515		B
NJ 609 Princeton	799-2266	799-0244	B
NM 505 Albuquerque	246-8950		B
NY 518 Albany	433-0092		B
NY 716 Buffalo	847-8181		B
NY 516 Deer Park	254-6021		B
NY 516 Hempstead	292-2820		B
NY 212 New York City	206-0256	633-1117	A
NY 914 Poughkeepsie	471-6728		B
NY 716 Rochester	546-6998		B
NY 315 Syracuse	448-0021		B
NY 914 White Plains	949-6878		B
NC 704 Charlotte	332-4023	332-3705	A
NC 919 Greensboro	299-6600		B
NC 919 Raleigh	781-9976		B
NC 919 Res Tri Park	549-0542		B
OH 513 Cincinnati	579-1593	579-1583	A
OH 216 Cleveland	575-0811	575-1308	A
OH 614 Columbus	461-8671	463-9110	A
OH 513 Dayton	461-4600		B
OH 419 Toledo	255-7010		B
OK 405 Oklahoma City	270-0028		B
OK 918 Tulsa	584-6935		B
OR 503 Portland	295-0337	295-2936	A
PA 215 Allentown	435-8118		B
PA 717 Harrisburg	236-1186		B
PA 215 King of Prussia	265-2812		B
PA 215*Philadelphia	854-0589	977-9303	A
PA 412 Pittsburgh	281-8326	281-8782	A
RI 401 Providence	453-5353		B
SC 803 Charleston	723-7342		B
SC 803 Columbia	254-0038		B
SC 803 Greenville	232-7832		B
TN 615 Knoxville	523-4031		B
TN 901 Memphis	525-5201		B
TN 615 Nashville	726-1213		B
TX 512 Austin	929-0078		B
TX 214 Dallas	653-0840	748-3541	A
TX 817 Ft Worth	332-1015	332-8424	B
TX 713 Houston	228-0705	227-1760	A
TX 915 San Angelo	944-0376		B
TX 210*San Antonio	225-1191		B
UT 801 Salt Lake City	355-9030		B
VA 703 Herndon	787-6719		B
VA 804 Norfolk	340-8930		B
VA 804 Richmond	225-0021		B
WA 206 Seattle	625-1386	625-9008	A
WI 608 Madison	257-8330		B
WI 414 Milwaukee	271-2420	271-2238	A

(1) International data rates apply.

* An asterisk indicates a change in number, a service upgrade or a

new location. Refer to the 'New' listing for further explanations of these changes.

[illegible]

INTERNATIONAL ASYNCHRONOUS DIAL SERVICE

	CITY				
COUNTRY	CODE	CITY	300/1200 BPS	2400 BPS	9600 BPS

Australia+	8	Adelaide	373-4734	373-4734	373-4734
Australia+	7	Brisbane	236-1082	236-1082	236-1082
Australia+	6	Canberra	257-5055	257-5055	257-5055
Australia+	3	Melbourne	764-0421	764-0421	764-0421
Australia+	9	Perth	481-1122	481-1122	481-1122
Australia+	2	Sydney	281-0800	281-0800	281-0800
Austria	1	Vienna	504-2811	504-2811	504-2811
Belgium	2	Brussels	725-3400	725-3400	725-3400
Bulgaria	2 *	Sophia	73-361	73-361	73-361
Canada	514	Montreal	392-0202	392-0202	392-0202
Canada	416	Toronto	594-1121	594-1121	594-1121
Canada	604	Vancouver	684-4696	684-4696	684-4696
Colombia	1 *	Bogota	320-3811	320-3811	320-3811
Denmark+	1 *	Copenhagen	32-96-1511	32-96-1511	32-96-1511
Finland	0	Helsinki	146-3022	146-3022	146-3022
France	2 *	Lille	065-3260	065-3260	065-3260
France	7 *	Lyon	864-5095	864-5095	864-5095
France	1	Paris	6928-0404	6928-0404	6928-0404
France	9 *	Sofia Antipolis	296-0049	296-0049	296-0049
Germany	69	Frankfurt	666-9151	666-9151	666-9151
Germany+	40	Hamburg	279-5411	279-5411	279-5411
Germany+	511	Hannover	879-1800	879-1800	879-1800
Germany+	89	Munich	369-031	369-031	369-031
Hong Kong	852	Hong Kong	754-8442	754-8442	754-8442
Indonesia	21	Jakarta	386-1044	386-1044	386-1044
Ireland	1	Dublin	661-4466	661-4466	661-4466
Italy	2	Milan	953-01301	953-01301	953-01301
Japan	6	Osaka	910-7111	910-7111	910-7111
Japan	3	Tokyo	3794-6381	3794-6381	3794-6381
Kuwait+		Kuwait City	484-4133	484-4133	484-4155
Luxembourg		Echternach	727-788	727-788	727-788
Netherlands	01719	Noordwijk (Amsterdam)	46370	46370	46370
New Zealand+	9	Auckland	358-4491	358-4491	358-4491
New Zealand+	4	Wellington	499-3617	499-3617	499-3617
Norway	66	Oslo	845-011	845-011	845-011
Portugal	1	Lisbon	395-5445	395-5445	395-5445
Romania	0	Bucharest	1311-2525	1311-2525	1311-2525
Puerto Rico	809	San Juan	273-7400	273-7400	273-7400
Singapore	65	Singapore	738-0566	738-0566	738-0566
Spain	3 *	Barcelona	335-9000	335-9000	335-9000
Spain	1	Madrid	766-2122	766-2122	766-2122
Sweden+	8 *	Stockholm	751-15-15	751-15-15	751-15-15
Switzerland	31	Bern	26-1049	26-1049	26-1049
Switzerland	13	Zurich	02-8868	02-8868	02-8868
U.K.	25	Basingstoke	660-0061	660-0061	660-0061
U.K.	31	Edinburg, Scotland	459-1290	459-1290	459-1290
U.K.	71	London	973-1030	973-1030	973-1030
U.K.	061 *	Manchester	747-5000	747-5000	747-5000

* An asterisk indicates a change in number, a service upgrade or a new location. Refer to the 'New' listing for further explanations of these changes.

+ Please note dial-in access procedures are slightly different than standard SprintNet procedures. If you need assistance, please contact Customer Service in Reston, VA at 703-318-7740.

!!!!!!! Please note, the foregoing includes only 9600 <complete> access, some slower nodes are listed, however, many other access points exist at speeds lower than 9600. Some of these numbers support 9600 and lower speeds, most are 9600 only, with the exception of the Sprintnet international listings, which include only those cities where 9600, as well as lower speeds, are available. I did not edit out the low speed numbers there, but did edit out all points where 9600 access was not available....

"AP7, High speed Guru?"

> NVN WANTS YOU! STR InfoFile Another Network Supports Atari!
"!!"

NVN - THE NEW KID ON THE BLOCK!
=====

The Atari computer platform has support on yet another top notch telecommunications service! National Videotex Network (NVN) maintains an area just for our favorite computers. Type GO ATARI Order an extended NVN Membership of 6 or 12 months, pay for it in advance and receive a bonus in connect time at no additional charge.

NVN lowers its connect time charges!
\$5/hour non-prime time (EST. 7pm - 9am weekdays and all day weekends)
\$8/hour prime time (EST 9am - 7pm weekdays)

Choose from two great subscription plans:

6-Month Membership
=====

Pay just \$30 for a 6-month Membership and receive a usage credit that entitles you to \$15 of connect-time in the Premium services of your choice. Your total savings using this plan would be over \$20!

12 Month Membership

=====

Pay \$50 for a full year's Membership and get even more free time on-line. We'll give you a \$25 usage credit to use in your favorite premium services or try out new ones. You could save as much as \$45. NVN now offers Electronic Funds Transfer (EFT). For a \$2 per month service charge, customers may have their NVN online charges automatically debited from their personal checking accounts. Please contact Client Services for this new feature!

For more information about either of these plans..

Please, give us a call at; 1-800-336-9096.

You can join NVN one of two ways...

By voice phone 1-800-336-9096 (Client Services)

or via modem phone 1-800-336-9092.

NVN Highlights

1. For the newcomers
2. NEW (MODIFIED) REFERRAL PROGRAM LET'S YOU EARN \$10 USAGE CREDITS!
3. A library built *just* for business people
4. Board Certified Psychiatrist heads up the new Substance Abuse Forum
5. VETERANS: Please report to the Military Forum <GO MILITARY> for C&D.
6. Step out into the Great Outdoors Forum <GO OUTDOORS>
7. We've got just the cure for your medical information needs
8. The Diabetes & Hypoglycemia Support Forum is now online.
9. SOUND OFF!!! Take our Game Survey
10. Let's talk about Coins
11. Call all DISNEYphiles! Join the gang! <GO AMERICA>.
12. Amiga Forum now available for Amiga and Desktop Video enthusiasts!
13. NEW Email enhancements are on-line. Including personal mailing lists!

> NOVA CARD NEWS! STR InfoFile

NOVA SPECS and UPDATE NEWS!

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NOTICE:

SPECIAL NOVA CARD UPDATE

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Announcement from Lexicor Software Corp.

As of the 19th July 1993, the Special NOVA Deal offered by Lexicor Software for the NOVA Graphics Card was over. The NOVA Mega and the NOVA VME 16M will now both have the same price of 599.99 U\$D. The price for the SUPERNOVA has not changed and will cost: 999.99 U\$D

The 32K Graphic Card is only available on Special Order and will cost 429

USD both the Mega and the VME. For these Card's there may be an added handling Price.

Shipping cost are excluded from these prices.

Technical Specifications

NOVA Megabus 16M

Maximum Frame Rate : 90Mhz
Video RAM : 1 Megabyte
RAMtype : DRAM
Maximum Color's : 16,7 Million Colors (24bit)
Maximum Resolution (>70Hz): 1024x768 in 256 Color's
Maximum Resolution (15bit): 768x512
Maximum Resolution (24bit): 640x400
Virtual Resolution : YES
Automatic REZ Switch : YES
Upgradable : YES
VDI for 24bit : YES
VAG : YES
HARDWARE Accelerator : NO

NOVA VME 16M

Maximum Frame Rate : 90MHz
Video RAM : 1 Megabyte
RAMtype : DRAM
Maximum Color's : 16,7 Million Colors (24bit)
Maximum Resolution (>70Hz): 1088x832 in 256 Color's
Maximum Resolution (15bit): 800x600
Maximum Resolution (24bit): 640x480
Virtual Resolution : YES
Automatic REZ Switch : YES
Upgradable : YES
VDI for 24bit : YES
VAG : YES
HARDWARE Accelerator : NO

SUPERNOVA

Maximum Frame Rate : 135MHz
Video RAM : 2 Megabytes
RAMType : VRAM
Maximum Color's : 16,7 Million Colors (24bit)
Maximum Resolution (>70Hz): 1280x1024
Maximum Resolution (15bit): 1024x768
Maximum Resolution (24bit): 800x600
Virtual Resolution : YES
Automatic REZ Switch : YES
Upgradeable : YES
VDI for 24bit : YES
VAG : YES
HARDWARE Accelerator : YES

For more information check our previous releases on the NOVA Card. The Virtual Resolution are programmable via the VAG. The VDI of the NOVA has proven to be very compatible with our Software and many other Software applications as well.

There is also a NOVA Special disk available soon that has some NOVA Specific program's on it, including NOVA Mines, the game, and the special Calamus SL driver that will enable Calamus SL to run in 15/16bit in 15/16bit color mode.

Yat Siu
Lexicor Software Europe

LEXICOR SOFTWARE CORP.
1726 Francisco ST.
Berkeley, CA 94703

Phone 510-848-7621

FAX 510-848-7613

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> WP & D.O.D. STR InfoFile
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WORDPERFECT 5.2 FOR WINDOWS
SELECTED FOR
DEPARTMENT OF DEFENSE PACKAGE

WordPerfect 5.2 for Windows Selected for Ease of Use and Powerful Features. WordPerfect 5.2 for Windows is now part of a complete office automation package offered to the Department of Defense through the Small Multiuser Computer contract. EDS, awarded the SMC contract in 1990 to provide products and services to the Department of Defense, recently announced that WordPerfect 5.2 for Windows is included in the SMC software package along with Harvard Graphics, Superbase, Lotus 1-2-3 and Lotus Organizer.

"SMC is providing this new product package to ensure that the Department of Defense community has access to the most advanced computer software," said Kim Luke, SMC program manager for EDS. "We want to offer products that facilitate the department's move to Windows-based applications."

According to Luke, WordPerfect 5.2 for Windows was added to the SMC product lineup because it is one of the best-selling word processors and comes with both Grammatik 5, the best-selling grammar checker, and Adobe Type Manager. Grammatik 5 works intuitively to proofread documents for grammar, style, and punctuation while ATM improves the on-screen and

"After comparing the leading word processing software applications, we selected WordPerfect 5.2 for Windows because it offers user-friendly and powerful features," said Luke. "We think WordPerfect 5.2 for Windows offers members of the Department of Defense community the tools they need to increase their efficiency."

EDS has operations in more than 30 countries, employs more than 70,000 people, and is a leader in applying information technology to meet the needs of businesses and governments around the world. The company's stock is traded on the New York Stock Exchange under the symbol GME. Revenues for 1992 were \$8.2 billion.

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> LEXICOR OFF GENIE! STR Spotlight   STRT's DARLAH GIVES LEXICOR THE BOOT!
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PRESS RELEASE
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LEXICOR & GENIE PART COMPANY!
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Lexicor software is no longer available to its or Atari customers on the Genie Information Services.

Lexicor was informed after the removal of all it's commercial access flags (Free Flags) that the action was due to the decision of the Atari Round table that statements made by Lexicor's CEO were viewed as meant to harm Genie information services and the ATARI roundtable.

Lexicor was informed that the commercial access might be restored if Lexicor's CEO made public retractions of all adverse statements made in public and private to include the complaint to the FTC. Lexicor viewed this demand to mean that any continued or future access would depend on Lexicor's agreement to refrain from making any future statements that might be viewed as harmful to Genie or the ATARI roundtable.

Lexicor was informed that the removal of it's commercial access was not due to a lack of support of it's topic area or consumer support. In the first year on Genie Lexicor had over 12,000 down-loads and over 2,000 messages in it's support area.

Lexicor's TOS manager requested specific information to determine

Q: STReport
Is it true that lexicor is permanently off Genie?

A: LEXICOR
Yes

Q: STReport
Did you leave or were you asked to leave?

A: LEXICOR
Our commercial access was dropped by the system.

Q: STReport
What do you mean by Commercial access?

A: LEXICOR
I mean that all remaining Free flags were dropped or removed. What ever you call it...

Q: STReport
What do you mean by remaining, I thought that all the Lexicor Flags were in effect?

A: LEXICOR
No, one of the Flags was dropped a while back with a warning we were on probation for another month.

Q: STReport
When did the remaining flags disappear?

A: LEXICOR
While we were at the SIGGRAPH show.

Q: STReport
Did you receive any notice that this action would be taken?

A: LEXICOR
If you mean a warning that we had failed probation? the answer is not that I am aware of.

Q: STReport
Do you know what statements that you are supposed to have made triggered the closing of your access?

A: LEXICOR
NO, we asked but received only a vague response.

Q: STReport
I have heard that you still do have a free flag? is that true?

A: LEXICOR
No, every staff member logged into the Lexicor flag accounts just to check to see if the Flags were missing. No Lexicor account or company

employee or officer"s account carried a flags notice after SIGGRAPH.

Q: STReport

If you just remain on Genie what would the economic impact be for Lexicor and Lexicor prices?

A: LEXICOR

Our cost at prevailing Genie rates and considering the number of individuals who support the Lexicor areas, and taking in to account the heavy traffic in the Lexicor areas, I estimate our annual cost would be something like \$10,800 Give or take some.

Q: STReport

Was this factor the only reason Lexicor support on Genie stopped?

A: LEXICOR

If you mean the expense, only partly.

Q: STReport

What other factors were considered?

A: LEXICOR

I felt that by agreeing to publish a retraction to un-specified statements I may or may not have made I would be handing over control of every thing that Lexicor said and did in the pursuit of it's business to our competitor. I felt the demand was so vague and ambiguous that even if I agreed I would never know when Lexicor access might be cut off. There would be no way of knowing what might be considered harmful to genie or Atari and what was not. And there was also the problem that, If I understood the objections correctly, I would have to retract things I believe to be true.

Q: STReport

Are you referring to your complaints of Conflict of interest and interference by certain people in your business affairs on genie?

A: LEXICOR

Something like that, but with out specific information as to what I am supposed to have said in public and private I can't really be any more specific?

Q: STReport

What about the impact on the many users interested in computer graphics?

A: LEXICOR

I feel that the whole affair is unfair to Lexicor and the general public. All we at Lexicor ever wanted was to be left alone to support our wares, we rarely entered any one else's area or commented about the products of others until after we were put upon by a competitor. We never had the power to block any one else's messages nor did we ever object to the sales practices of others except our order from you, Which BTW you finally took care of.

Q: STReport

Did you intend by any statements, what ever they might have been to harm Genie or the Atari Round Table?

A: LEXICOR

No not at all, Nothing I said, that I can see, could be harmful to Genie, Atari, or the topic area, in and of it's self. If either were doing anything that was against the law or in violation of any federal statutes, that would be a situation of their own making. So far as I am aware I as a citizen of the USA have a basic right to seek relief under the laws of the land from certain unfair business practices. That is the way things are done in this country, threw the criminal and civil courts. Settling business disputes using any other methods is simply wrong.

Q: STReport

I would like to go back to something you said...are you saying that this whole thing is in part due to private conversations you are supposed to have had?

A: LEXICOR

Yes that's right, or at least that's what I now understand.

Q: STReport

Do you have any Idea just which private conversations, with which people are responsible for your loss of Commercial access flags as you call them?

A: LEXICOR

I have no Idea what private conversations are being referred to.

Q: STReport

Do you think this is more trial by secret means?

A: LEXICOR

NO COMMENT

Q: STReport

Can you offer any suggestions as to what circumstances you would be willing to return to Genie and Lexicor support ?

A: LEXICOR

The only way I can see that would be fair and practical, would be a situation in which Lexicor could function with out interference, That Lexicor would not be open to having messages of any sort blocked or modified. That Lexicor would not be subjected to business censorship. That Lexicor would have the power to protect it's self from unfair business practices. in the message base.

Q: STReport

A final question? are you or have you reported this situation to the FTC? (Federal Trade Commission)

A: LEXICOR

E

***/

Somehow or other, its rather difficult to believe that LEXICOR
"REQUESTED" their category be closed and their flags cancelled etc....

Just for the sake of truth, WHO MADE THIS "SO-CALLED" REQUEST??

Consolidate??? now there's a "neat" word.... seems I've "heard"
that one BEFORE! I wonder where and when??? <big GRIN> Nothing's
changed, the word games ...the head games ...the obvious. All very
purposefully generated * Confusion * (another VERY familiar word) to mask
the real facts.

It really is difficult to not believe Lexicor... They make it so
very easy to believe Lexicor. What do you think?

The Nathan & Darlah Show must really believe we _are_ all mushrooms!

> ATARI UNITED! STR InfoFile
"*****"

An Overview.....

WHAT IS THIS ATARI UNITED! THING?
=====

When ATARI UNITED! was first announced in an online conference on
DELPHI, some DELPHI members had questions, which I'm sure others share,
about the intent, focus and reasoning behind ATARI UNITED!. A
bit of history about the development of this organization might help
begin to answer those questions.

ATARI UNITED! was born out of the suspicion that more Atari TOS
computer owners exist than most in the active Atari community
realize. Patti and I have both had many experiences in which we have
come into contact with owners who had no idea that a thriving Atari
community still existed. We have both been responsible for bringing ST
owners 'out-of-the-closet' and renewing their use of their machines.
And, of course, with every renewed Atari owner comes some degree of new
spending on equipment and/or software.

ATARI UNITED! has been organized with the intent of searching out
these isolated owners on a nationwide scale, with the hope that these
users will expand the active userbase. And as a result will promote new
business for our loyal developers.

ATARI UNITED! seeks to repair the disintegration of communication
between users and developers in the Atari market, especially because
of the demise of many printed Atari-specific magazines that all too often
are an owner's only link to the community.

A late night conversation about the dismal state of the Atari market in the US led to a discussion about ways that it could be improved, independent of direct Atari Corporation involvement. Obviously, we concluded that the creation of a nationwide database containing information about users, dealers and developers was the first step in rebuilding the lost lines of communication. This has become the first priority of our fledgling organization. While it is being compiled, other projects are and will be developed, so that our database can be utilized to its full extent when more complete.

Atari user groups have always been a valuable means of keeping the Atari community together, and it was obvious that user groups were the best place to begin compiling information. Bob Brodie, Director of Communication for Atari Corporation, and former User Group Coordinator, was contacted, provided an outline of our purpose and plan of action, and asked for a list of user groups that could be used in the effort. He was happy to provide us with the necessary information, and so, the work began.

The name ATARI UNITED! was chosen, and again, Bob Brodie was contacted. Permission to use Atari's name was granted, so long as the organization was used to support Atari products and their users. As this was the very foundation of the organization, an informal agreement was quickly reached, and ATARI UNITED! became our official name. It was further determined that AU! should be a not-for-profit organization, similar to the general form that Atari user groups have taken over the years. ATARI UNITED! does not exist to bilk Atari users out of their money. Actually, we'd prefer that their money be invested in hardware and software, so our loyal developers can make a living. We intend to make all ATARI UNITED! services and projects as affordable as possible. Registration is free of course, and many of the other benefits we will be able to provide will be free of cost to the user also.

ATARI UNITED!'s first project beyond the database is a quarterly DiskMagazine. It will be geared to provide developer news, product reviews, game hints, help columns, and a few surprises. Eventually, program demos might be included, so a taste of what is up and coming can be given as wide an audience as possible. While similar things are now available in the online magazines, it is important to realize that most of the Atari community members are not 'modemized', and that many TOS computer owners have no real link with the rest of the market. So, it is not so much a matter of duplicating what already exists, as a matter of distribution where that kind of information is so desperately needed. Kinda like being modern technological missionaries!

The potential for ATARI UNITED! is enormous, for both the developers and the owners of TOS computers. With better channels of communication, developers will be able to sell more products, encouraging them to continue investing in the TOS market. We, as users, will continue to be able to purchase new products, and find support for the old.

One particular benefit for user groups will grow as the database of TOS computer owners grows. User groups who register with ATARI UNITED! will have their contact information made available to anyone who inquires about TOS support in their area. User groups will also

periodically be given access to information about local users contacted by us. Just as the developer and the user can be connected, so too can user groups and users. It's all a part of strengthening the communication channels throughout the entire market.

In addition to communication between groups and owners, we can also help on the individual level. When an owner has a problem with his/her system, or with a piece of software, it is often helpful to contact someone nearby with the knowledge to solve the problem. Even if a user doesn't have a 'problem' per se, the exchange of information and ideas can only benefit the community. Some users are lucky enough to have a local dealer, but for many, 'local' is a term that can mean several hundred miles. All of those in that predicament will be able to locate owners nearby. Just consider us a friendly dating service for your Atari computer!

Some of our future projects are not far enough along to be openly discussed, but there are some exciting possibilities out there. It is important that we don't take on too much too quickly, only to find that we can't handle our first priorities. Too often a well-intentioned enterprise fails while trying to do too much all at once. Instead, we want to grow slowly with the aid and support of everyone involved in the Atari community. With this in mind, the number of staff at ATARI UNITED! is being kept very small. We have received many offers from users volunteering to help with our project, and we are encouraged by all the offers. But in these early stages, it is essential that our focus be maintained. Too many people with too many ideas would only serve to dilute our efforts at this point. However, as we grow, we will be adding to our little group, to better serve the Atari community.

ATARI UNITED! intends to succeed in its effort to strengthen the Atari community. Time and money have already been expended to that end, and we are fully ready to expend more. But, it'll take the cooperation and support of TOS computer owners all across the US to make ATARI UNITED! the best it can be. To help us help all of you, register now, while you are thinking about it! Together, we will make the Atari community stronger!

Gordie Meyer
ATARI UNITED!

To register:
Complete the registration form below, and send to:

ATARI UNITED!
P.O. Box 691
Mountain View, CA 94042-0691

or via e-mail to:

abarbiero@delphi.com

Name (Last, First, MI): _____
Mailing Address: _____

City, State, Zip: _____

Computer Model: ___ 520 ST ___ 520 STe ___ TT
 ___ 1040 ST ___ 1040 STe ___ F030
 ___ Mega ST ___ Mega STe

Computer Serial Number: (OPTIONAL)_____

User Group (if a member):_____

=====
 =====For further information, contact:=====

Patti Barbiero		Gordie Meyer
P.O. Box 691		P.O. Box 1982
Mountain View, CA 94042-0691	or	Ames, IA 50010-1982
(415) 903-9787		(515) 232-1627
abarbiero@delphi.com		biblinski@delphi.com

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/|\ THE GLENDALE SHOW, VERSION 7.0   SEPTEMBER 18TH AND 19TH /|\
/|\   GLENDALE CIVIC AUDITORIUM      -   1401 N. VERDUGO ROAD /|\
/|\           GENERAL ADMISSION -   $5.00                      /|\
/|\                                                                /|\
/|\   ATARI * DMC * GENie * Oregon Research * Clear Thinking /|\
/|\   Branch Always * Steve's Software for Safari Fonts      /|\
/|\ J&J Computers * S.D.S. * A&D * Toad Computers/Straight FAX! /|\
/|\   Best Electronics * chro_MAGIC * Compo * J.V. Enterprises /|\
/|\ Canoe * Gribnif * CodeHead * The Computer Network * MiGraph /|\
/|\           and more to come                                   /|\
/|\                                                                /|\
/|\   For more information leave GEmail to John.King.T        /|\
/|\   or go to Category 11 Topic 9 for updates.               /|\
/|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\ /|\

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GEMULATOR VERSION 3.0

 The Atari ST Emulation Card For PC Compatibles

Branch Always Software
 14150 N.E. 20th Street, Suite 302
 Bellevue, WA 98007, U.S.A.

- NEW FEATURES AND ENHANCEMENTS

- SEE IT AT THE GLENDALE SHOW

- NEW DEMONSTRATION VIDEO

- LOW UPGRADE PRICE

- FREE NEWSLETTER

Branch Always Software announces Gemulator 3.0, the Atari ST emulator for PC compatibles. With standard features such as TOS 2.06, SuperVGA color graphics, 1.44 megabyte floppy disk support, and expandability up to 8 megabytes of RAM, Gemulator 3.0 turns a plain 386 or 486 PC into an awesome Atari ST clone. With PC prices at an all time low, there has never been a better time to "gemulate" your PC, especially when you consider the cost of upgrading an existing ST with TOS 2.06, high density floppy, extra memory, etc.

Gemulator 3.0 will be released on September 18th 1993, at the Glendale Atari Show in Glendale California. The price remains at \$229 U.S. complete and will be available from various Atari dealers. Current Gemulator users can upgrade to version 3.0 for only \$30 before September 3, and only \$10 if the product was purchased after July 1.

Gemulator 3.0 consists of a plug-in card, TOS 2.06 ROMs, Atari ST emulation software, Atari 800 emulation software, a screen accelerator, benchmarking software, and some public domain and shareware Atari ST programs. Simply plug the card into any unused 8-bit or 16-bit card slot and run the emulation software. GO FROM DOS TO GEM IN SECONDS!

Any PC or laptop meeting the following requirements can run Gemulator 3.0:

- a 33 Mhz 386 processor (or faster)
- at least 4 megabytes of RAM
- DOS 5, DOS 6, Windows 3.1, or OS/2 2.1
- a VGA card and VGA monitor (SuperVGA is optional)
- one empty 8-bit or 16-bit ISA card slot
- a hard disk and at least a 720K 3.5" floppy disk
- an AdLib or Sound Blaster sound card is optional
- a mouse is optional but recommended for use with GEM based programs

The following features of the Atari ST / STE / Mega ST are emulated by Gemulator 3.0:

- 3 graphics modes (320x200, 640x200, and 640x400)
- a 4096 color palette
- one or two floppy disk drives
- support for up to 4 hard disk partitions
- one serial port and one parallel printer port
- 3 voices of sound
- mouse and keyboard (including numeric keypad)
- real time clock
- ROM based cartridges
- 512K to 8 megabytes of RAM

Gemulator 3.0 also adds these enhancements not found on your standard ST:

- 640x480 color graphics (with any VGA card)
- 800x600 color graphics (Video7, ATI, Tseng, or VESA SuperVGA card)
- maximum ST memory is 8 megabytes, double the limit of an ST
- 1.44 meg high density floppy disks are supported
- support for multiple TOS ROMs

Imagine running any of hundreds of Atari ST and Atari 800 programs on your PC, including (but not limited to) these:

ArcShell

Multi Writer

Avante Vector	Multidesk
Calamus	MultiTOS (68000 compatible versions)
Calamus SL	Neodesk
Codehead Utilities	NVDI
Data Master	Pagestream
DC Desktop	Pha\$ar
DC Utilities	Prism Paint
Degas	Publishing Partner
Degas Elite	Quick Index
Deskcart	Quick Manager
Diamond Back II	Quick ST
Extended Control Panel	Quick View
EZ Calc	Silhouette
First Word	ST Writer
First Word Plus	ST Xformer II
Flash	Sudden View
FontGDOS	Supra hard disk utilities
G+Plus	Tempus
GDOS	Tempus II
GemBench	Thunder
GEMvelope	TOS 1.0
GFA Basic	TOS 1.2
Gribnif Geneva	TOS 1.4
HDX hard disk utilities	TOS 1.6
Hotwire	TOS 2.06
Interlink	Turbo ST
Key Master	UIS III
Laser C	VT52 Emulator
LDW Power	Warp 9
LHArc	Word Flair
Madmac	Word Flair II
Magic Sac	Word Up
Maxifile	Word Writer

About the only things that Gemulator 3.0 does NOT support are MIDI ports, copy protected disks (typically games), and very machine specific or timing dependent software such as Spectrum 512.

With 8 ROM sockets on each Gemulator card, there is plenty of room for you to plug in other versions of TOS and cartridge ROMs. If you have particular software that does not run with TOS 2.06, you can easily plug in TOS 1.0 or TOS 1.4 and use it instead. Or if you have cartridges like Deskcart, simply remove the ROMs from the cartridge and plug it into the Gemulator card. Gemulator 3.0 can automatically detect up to 4 cards, providing you with a total of 32 ROM sockets!

On fast 486 machines, Gemulator 3.0 runs 2 to 3 times faster than the ST. It scores a GemBench speed index of over 270% running on a 66 Mhz 486 based PC. That's without the use of accelerators such as Warp 9 or NVDI, which are supported on Gemulator and give similar speed improvements as on a real ST. If you don't have a copy of Warp 9 or NVDI, don't worry. Gemulator 3.0 comes with its own custom screen accelerator which runs even fast (it is similar to our Quick ST accelerator but optimized using 386 machine language).

In addition to the 3 standard Atari ST screen resolutions, Gemulator 3.0 also supports 4 VGA screen resolutions: 640x480 monochrome, 640x480 16 colors out of a 4096 color palette, 800x600 monochrome, and 800x600 16 colors out of a 4096 color palette. If you run your Atari ST software in the 800x600 mode you get almost double the screen resolution of a

monochrome Atari ST monitor. Twice the pixels means twice as much text visible on the screen or twice as much area of a desktop publishing document.

Gemulator 3.0 now supports the serial port allowing you to run your favorite Atari ST terminal software with your modem. Take advantage of such features as auto redial, type ahead buffers, and editable capture buffers, features not found in most PC telecommunications software.

Gemulator 3.0 emulates the Atari ST's 3 voice sound by using your PC's Sound Blaster, Sound Blaster Pro, AdLib, or AdLib compatible sound card. Simply have a sound card installed and Gemulator 3.0 will use it.

Gemulator 3.0 reads your Atari ST floppy disks directly, and now gives your Atari ST software access to all of your PC's hard disk drives. Simply use your existing Supra or HDX hard disk driver to activate the hard disk support. And using the HINSTALL utility (which is part of the HDX utilities) you can even autoboot from the hard disk allowing you to put your AUTO folder programs and desk accessories on the hard disk.

And if you're a die hard Atari 800 user, you'll be glad to learn that Gemulator 3.0's improved compatibility now allows you to run the ST Xformer emulator on it. Run Atari BASIC, DOS 2.5, and any other program that is supported by ST Xformer. We include a free copy of ST Xformer 3.0, an upgrade from ST Xformer 2.55, which contains several bug fixes and speed improvements.

Interested in finding out even more about Gemulator 3.0? We now have a free 5 page newsletter which describes more of Gemulator 3.0's features in detail. To receive the newsletter, write to:

Gemulator 3.0, c/o Branch Always Software
14150 N.E. 20th Street, Suite 302
Bellevue, WA 98007
United States of America

We are also updating our demo video to include Gemulator 3.0's latest features. The demo is available on VHS videotape for only \$20 and may be ordered directly from Branch Always Software at the above address.

All current Gemulator users may upgrade to version 3.0 for only \$30 before September 3, 1993. Users who purchased Gemulator after July 1, 1993 may upgrade for the even lower fee of only \$10 with a copy of your receipt showing the date of purchase. After September 3, 1993 all upgrades are \$60.

Gemulator 3.0 will be shown September 18th and 19th at the Glendale Atarifest at the Glendale Civic Auditorium. Drop by the Branch Always Software booth to say hi or to pick up your Gemulator. We'll even be taping part of our demo video at the show to get real life reactions from Atari users using Gemulator 3.0.

In North America, Gemulator 3.0 can be ordered from the following dealers:

Toad Computers
570-F Ritchie Highway
Severna Park, MD 21146
phone: 800-448-8623 fax: 410-544-1329

Rising Star Computers
P.O. Box 20038
Dayton, OH 45420
phone: 800-252-2787 fax: 513-254-7970

The Floppy Wizard
217 Memorial City Mall
Houston, TX 77024
phone: 800-798-0064 fax: 713-461-7751

Purple Mountain Computers
15600 N.E. 8th Street, Unit #A3-412
Bellevue, WA 98008, U.S.A.
phone: 206-399-8700

Xanth Computers
14100 NE 20th St. #105
Bellevue, WA 98007
phone: 206-643-9697

In the United Kingdom, Gemulator 3.0 is available from:

ST Club
2 Broadway
Nottingham NG1 1PS
phone: +44 0602 410241 fax: +44 0602 241515

In Europe Gemulator 3.0 is distributed by:

ACN
Postbus 5011
NL-2000 CA Haarlem
The Netherlands
phone: +31 023 351100 fax: +31 023 361444

ACN provides Gemulator packages for the U.K. as well as versions translated into French and German with appropriate TOS 2.06 ROMs.

Users of the GENIE online service can come ask questions about Gemulator 3.0 on August 18th at 10pm during a special RTC in the Atari ST roundtable. If you wish to call Branch Always Software, we may be reached at 206-885-5893. This is a voice number before 2pm eastern time and a fax number at other times.

:HOW TO GET YOUR OWN GENIE ACCOUNT:

Set your communications software to Half Duplex (or Local Echo)
Call: (with modem) 800-638-8369.
Upon connection type HHH (RETURN after that).
Wait for the U#= prompt.

Type: XTX99587,CPUREPT then, hit RETURN.

> STReport CONFIDENTIAL "Rumors Tidbits Predictions Observations Tips"

- Newark, NJ DEVELOPER BESIEGED BY DEPOSITIONS & POSSIBLE LAWSUITS

Reports are filtering in about a NE developer and IAAD member. The maker of custom hardware and accelerator cards is having more to do with lawyers than he probably cares to. Seems there is a group in the NW USA in hot pursuit of this developer to the tune of \$25,500 plus interest. The group claims the developer received the funds for a specific job to be done under contract. The group claims nothing was ever done in relation to the contracted project the money was paid for. Further it was rumored, the money had been spent on unrelated projects.

In a another matter, during a recent deposition, taking place in Springfield, N.J., a signed contract was produced by the defendant's attorney while the developer (witness for plaintiff) was busy stating "there was no signed contract". Additionally, it was indicated there were another thirty one irregularities discovered in the developer's "sworn" deposition.

Further in another, totally different and separate action, it appears a group of users have banded together in hopes of bringing suit to recover funds deposited with this very same developer for product the users claim they've waited over a year for. Allegedly, there are well over one hundred users who have come forward and claimed they are involved at approximately three hundred dollars each. Reportedly, this action is reaching all the way into Canada, thus becoming international in its scope.

> STR Mail Call "...a place for the readers to be heard"

STReport's MailBag

Messages * NOT EDITED * for content

From Compuserve's Atari Fora

#: 31901 S9/Lexicor Software
24-Aug-93 16:18:38
Sb: #Lexicor support
Fm: Jim Ness 75300,3155
To: LEXICOR Software 75300,763 (X)

Are you guys entirely done with GENie, now? I noticed Darlah has apparently done away with the Lexicor category, merging old messages into the general graphics category.

-JN

#: 31934 S9/Lexicor Software
25-Aug-93 17:34:05
Sb: #31901-#Lexicor support
Fm: STReport - Ralph 70007,4454
To: Jim Ness 75300,3155 (X)

How very, very predictable. <sigh>

#: 31937 S9/Lexicor Software
25-Aug-93 21:22:59
Sb: #31934-#Lexicor support
Fm: LEXICOR Software 75300,763
To: [F] 75300,3155 (X)

JN,

So far as I know we are gone for good. It was quite clear to all of us that we were not wanted, in spite of words to the contrary.

It is sort of not what you say as what you do the speaks volumes about intentions (sic).

We will be posting a press release this week with more details about our Genie absence. If you would like to have a chat on the subject feel free to pick up the tel'e....

Lee@Lexicor

#: 31941 S9/Lexicor Software
26-Aug-93 01:18:24
Sb: #31937-#Lexicor support
Fm: Louis F. Trapani 70730,122
To: LEXICOR Software 75300,763 (X)

Sorry things worked out they way they did. My concern would be for Lexicor users.

Lou

#: 31942 S9/Lexicor Software
26-Aug-93 04:10:43
Sb: #31941-Lexicor support
Fm: LEXICOR Software 75300,763
To: Louis F. Trapani 70730,122

Lou,

My sentiments too, but we were given no other choice. And as things stood, there was no real way we could continue and have any thing of value left untouched. It is hard to explain the issue of confidence. But for what it's worth...

In the military and I think some high risk High tech worlds they speak about a system having a confidence rating. This means that under any given set of conditions a certain piece of hardware or software has a certain confidence rating.

Now in the case of information, it's gathering, storage, transmission and capture, there is always a risk of losses. In some cases this loss might be just a part of the information, or it could be the risk of corruption, or it could be the risk of being intercepted. The interception of data might be total or it could be partial, in which case, some information leaks through. This leakage might or might not carry the original meanings. It would depend on the particular circumstances.

In our case, we finally came to a point in time where we felt that the confidence level of information transmission was such that we could not rely on getting all information intended for us or that our confidential information retained it's integrity. Under these circumstances and the more obvious superficial efforts to control and dictate to Lexicor made it quite obvious over the past 10 weeks that we would not be allowed to remain on genie. As I see it, it was just a matter of time.

It's really worse for the general Atari graphics community than it is for Lexicor. I feel that open and honest competition is a healthy and valued part of our (USA) system of government. Any time you have a monopoly or interference in the free marketplace you soon find.. ..well you know what I mean.

Lee@Lexicor

To: STReport - Ralph
From: Bruce Miller
Topic: Lexicor/IAAD
Subject: Disappointed

To whom it may concern;

I've watched this thing between Lexicor and the IAAD carefully for the last six weeks and the only thing I see is an earnest effort being taken by the IAAD president D. Brumleve to cover something up. When is the double talk going to stop and the truth be revealed? Are the users in the Atari userbase so gullible as to go for the nonsense in that IAAD statement? If the users in this area ever intend for it to be taken

seriously, they had better speak up and demand ethical behavior on the part of their developers and constituents.

Why did the IAAD allow two of its board members to vote Lexicor out when both of them appear to have "hidden agendas" of their own? WHY? Only THREE board members voted??? That in itself is a JOKE! Especially when two of the three were Jim Allen and Nathan Potechin!

It's time the IAAD told the true reasons why Lexicor fell into disfavor and ultimately, expulsion from its membership roles. Why all the doubletalk and energy waste on coverups? Tell the truth! Tell the users what is really going on! Else, reverse your outrageous actions!

Bruce Miller

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STReport's "EDITORIAL CARTOON"

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> A "Quotable Quote"
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Injustices DO beget INJUSTICE!

"YOU CAN'T HOLD A MAN DOWN WITHOUT STAYING DOWN WITH HIM..."

...Ollie Ogelthorpe

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